## Release notes for ENDF/B Development n-047\_Ag\_109 evaluation



April 26, 2017

- checkr Warnings:
  - 1. A previous error halted parsing of the current section  $MAT=4731,\ MF=1,\ MT=451\ (1)$ : Parsing stopped

ERROR(S) FOUND IN MAT=4731, MF= 1, MT=451
SECTION CANNOT BE CHECKED FROM SEQUENCE NUMBER 326 TO 559

- checkr Errors:
  - 1. A variable is outside the allowed ENDF range MAT=4731, MF=1, MT=451 (0): Variable range

ERROR(S) FOUND IN MAT=4731, MF= 1, MT=451
MOD = 1 OUT OF RANGE 0 - 0 RECORD NUMBER 326

2. Missing a section in directory so your directory is messed up. This error will break everything else MAT=4731, MF=2, MT=151 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF= 2, MT=151
SECTION 2/151 NOT IN DIRECTORY RECORD NUMBER 561

3. Missing a section in directory so your directory is messed up. This error will break everything else MAT=4731, MF=3, MT=1 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF= 3, MT= 1
SECTION 3/ 1 NOT IN DIRECTORY RECORD NUMBER 1135

4. Missing a section in directory so your directory is messed up. This error will break everything else MAT=4731, MF=3, MT=2 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF= 3, MT= 2
SECTION 3/ 2 NOT IN DIRECTORY RECORD NUMBER 1150

5. Missing a section in directory so your directory is messed up. This error will break everything else MAT=4731, MF=3, MT=4 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF= 3, MT= 4
SECTION 3/ 4 NOT IN DIRECTORY RECORD NUMBER 1188

6. Missing a section in directory so your directory is messed up. This error will break everything else MAT=4731, MF=3, MT=16 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF= 3, MT= 16
SECTION 3/ 16 NOT IN DIRECTORY RECORD NUMBER 1213

7. Missing a section in directory so your directory is messed up. This error will break everything else MAT=4731, MF=3, MT=17 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF= 3, MT= 17 SECTION 3/ 17 NOT IN DIRECTORY

RECORD NUMBER 1222

8. Missing a section in directory so your directory is messed up. This error will break everything else

MAT = 4731, MF = 3, MT = 22 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF= 3, MT= 22 SECTION 3/ 22 NOT IN DIRECTORY

RECORD NUMBER 1228

9. Missing a section in directory so your directory is messed up. This error will break everything else MAT=4731, MF=3, MT=24 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF= 3, MT= 24

SECTION 3/ 24 NOT IN DIRECTORY

RECORD NUMBER 1237

10. Missing a section in directory so your directory is messed up. This error will break everything else MAT=4731, MF=3, MT=28 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF= 3, MT= 28 SECTION 3/ 28 NOT IN DIRECTORY

RECORD NUMBER 1243

11. Missing a section in directory so your directory is messed up. This error will break everything else MAT=4731, MF=3, MT=41 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF= 3, MT= 41 SECTION 3/ 41 NOT IN DIRECTORY

RECORD NUMBER 1252

12. Missing a section in directory so your directory is messed up. This error will break everything else MAT=4731, MF=3, MT=51 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF= 3, MT= 51 SECTION 3/ 51 NOT IN DIRECTORY

RECORD NUMBER 1258

13. Missing a section in directory so your directory is messed up. This error will break everything else MAT=4731, MF=3, MT=52 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF= 3, MT= 52 SECTION 3/ 52 NOT IN DIRECTORY

RECORD NUMBER 1276

14. Missing a section in directory so your directory is messed up. This error will break everything else MAT=4731, MF=3, MT=53 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF= 3, MT= 53 SECTION 3/ 53 NOT IN DIRECTORY

RECORD NUMBER 1294

15. Missing a section in directory so your directory is messed up. This error will break everything else MAT=4731, MF=3, MT=54 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF= 3, MT= 54 SECTION 3/ 54 NOT IN DIRECTORY

RECORD NUMBER 1310

16. Missing a section in directory so your directory is messed up. This error will break everything else

MAT = 4731, MF = 3, MT = 55 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF= 3, MT= 55 SECTION 3/ 55 NOT IN DIRECTORY

RECORD NUMBER 1325

17. Missing a section in directory so your directory is messed up. This error will break everything else

MAT = 4731, MF = 3, MT = 56 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF= 3, MT= 56 SECTION 3/ 56 NOT IN DIRECTORY

RECORD NUMBER 1341

18. Missing a section in directory so your directory is messed up. This error will break everything else

MAT = 4731, MF = 3, MT = 57 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF= 3, MT= 57 SECTION 3/ 57 NOT IN DIRECTORY

RECORD NUMBER 1357

19. Missing a section in directory so your directory is messed up. This error will break everything else

MAT = 4731, MF = 3, MT = 58 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF= 3, MT= 58 SECTION 3/ 58 NOT IN DIRECTORY

RECORD NUMBER 1373

20. Missing a section in directory so your directory is messed up. This error will break everything else MAT=4731, MF=3, MT=59 (0): Directory (b)

M11 = 4731, M1 = 3, M1 = 33 (0). Director

ERROR(S) FOUND IN MAT=4731, MF= 3, MT= 59 SECTION 3/ 59 NOT IN DIRECTORY

RECORD NUMBER 1389

21. Missing a section in directory so your directory is messed up. This error will break everything else

MAT = 4731, MF = 3, MT = 60 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF= 3, MT= 60 SECTION 3/ 60 NOT IN DIRECTORY

RECORD NUMBER 1405

22. Missing a section in directory so your directory is messed up. This error will break everything else MAT=4731, MF=3, MT=61 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF= 3, MT= 61 SECTION 3/ 61 NOT IN DIRECTORY

RECORD NUMBER 1421

23. Missing a section in directory so your directory is messed up. This error will break everything else

MAT = 4731, MF = 3, MT = 62 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF= 3, MT= 62 SECTION 3/ 62 NOT IN DIRECTORY

RECORD NUMBER 1436

24. Missing a section in directory so your directory is messed up. This error will break everything else

MAT = 4731, MF = 3, MT = 63 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF= 3, MT= 63 SECTION 3/ 63 NOT IN DIRECTORY

RECORD NUMBER 1451

25. Missing a section in directory so your directory is messed up. This error will break everything else MAT=4731, MF=3, MT=64 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF= 3, MT= 64 SECTION 3/ 64 NOT IN DIRECTORY

RECORD NUMBER 1466

26. Missing a section in directory so your directory is messed up. This error will break everything else MAT=4731, MF=3, MT=65 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF= 3, MT= 65 SECTION 3/ 65 NOT IN DIRECTORY

RECORD NUMBER 1481

27. Missing a section in directory so your directory is messed up. This error will break everything else MAT=4731, MF=3, MT=66 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF= 3, MT= 66 SECTION 3/ 66 NOT IN DIRECTORY

RECORD NUMBER 1496

28. Missing a section in directory so your directory is messed up. This error will break everything else MAT=4731, MF=3, MT=67 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF= 3, MT= 67 SECTION 3/ 67 NOT IN DIRECTORY

RECORD NUMBER 1511

29. Missing a section in directory so your directory is messed up. This error will break everything else MAT=4731, MF=3, MT=68 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF= 3, MT= 68 SECTION 3/ 68 NOT IN DIRECTORY

RECORD NUMBER 1526

30. Missing a section in directory so your directory is messed up. This error will break everything else MAT=4731, MF=3, MT=91 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF= 3, MT= 91 SECTION 3/ 91 NOT IN DIRECTORY

RECORD NUMBER 1540

31. Missing a section in directory so your directory is messed up. This error will break everything else MAT=4731, MF=3, MT=102 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF= 3, MT=102 SECTION 3/102 NOT IN DIRECTORY

RECORD NUMBER 1556

32. Missing a section in directory so your directory is messed up. This error will break everything else

MAT = 4731, MF = 3, MT = 103 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF= 3, MT=103 SECTION 3/103 NOT IN DIRECTORY

RECORD NUMBER 1575

33. Missing a section in directory so your directory is messed up. This error will break everything else

MAT = 4731, MF = 3, MT = 107 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF= 3, MT=107 SECTION 3/107 NOT IN DIRECTORY

RECORD NUMBER 1598

34. Missing a section in directory so your directory is messed up. This error will break everything else

MAT = 4731, MF = 3, MT = 600 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF= 3, MT=600 SECTION 3/600 NOT IN DIRECTORY

RECORD NUMBER 1612

35. Missing a section in directory so your directory is messed up. This error will break everything else MAT=4731, MF=3, MT=601 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF= 3, MT=601 SECTION 3/601 NOT IN DIRECTORY

RECORD NUMBER 1625

36. Missing a section in directory so your directory is messed up. This error will break everything else MAT=4731, MF=3, MT=602 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF= 3, MT=602 SECTION 3/602 NOT IN DIRECTORY

RECORD NUMBER 1637

37. Missing a section in directory so your directory is messed up. This error will break everything else MAT=4731, MF=3, MT=603 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF= 3, MT=603 SECTION 3/603 NOT IN DIRECTORY

RECORD NUMBER 1649

38. Missing a section in directory so your directory is messed up. This error will break everything else MAT=4731, MF=3, MT=604 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF= 3, MT=604 SECTION 3/604 NOT IN DIRECTORY

RECORD NUMBER 1661

39. Missing a section in directory so your directory is messed up. This error will break everything else MAT=4731, MF=3, MT=605 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF= 3, MT=605 SECTION 3/605 NOT IN DIRECTORY

RECORD NUMBER 1673

40. Missing a section in directory so your directory is messed up. This error will break everything else

MAT = 4731, MF = 3, MT = 606 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF= 3, MT=606 SECTION 3/606 NOT IN DIRECTORY

RECORD NUMBER 1685

41. Missing a section in directory so your directory is messed up. This error will break everything else

MAT = 4731, MF = 3, MT = 607 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF= 3, MT=607 SECTION 3/607 NOT IN DIRECTORY

RECORD NUMBER 1697

42. Missing a section in directory so your directory is messed up. This error will break everything else

MAT = 4731, MF = 3, MT = 608 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF= 3, MT=608 SECTION 3/608 NOT IN DIRECTORY

RECORD NUMBER 1709

43. Missing a section in directory so your directory is messed up. This error will break everything else

MAT = 4731, MF = 3, MT = 609 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF= 3, MT=609 SECTION 3/609 NOT IN DIRECTORY

RECORD NUMBER 1721

44. Missing a section in directory so your directory is messed up. This error will break everything else

MAT = 4731, MF = 3, MT = 610 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF= 3, MT=610 SECTION 3/610 NOT IN DIRECTORY

RECORD NUMBER 1733

45. Missing a section in directory so your directory is messed up. This error will break everything else

MAT = 4731, MF = 3, MT = 611 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF= 3, MT=611 SECTION 3/611 NOT IN DIRECTORY

RECORD NUMBER 1745

46. Missing a section in directory so your directory is messed up. This error will break everything else MAT=4731, MF=3, MT=612 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF= 3, MT=612

SECTION 3/612 NOT IN DIRECTORY

RECORD NUMBER 1757

47. Missing a section in directory so your directory is messed up. This error will break everything else

MAT = 4731, MF = 3, MT = 613 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF= 3, MT=613 SECTION 3/613 NOT IN DIRECTORY

RECORD NUMBER 1769

48. Missing a section in directory so your directory is messed up. This error will break everything else

MAT = 4731, MF = 3, MT = 614 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF= 3, MT=614 SECTION 3/614 NOT IN DIRECTORY

RECORD NUMBER 1781

49. Missing a section in directory so your directory is messed up. This error will break everything else

MAT = 4731, MF = 3, MT = 615 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF= 3, MT=615 SECTION 3/615 NOT IN DIRECTORY

RECORD NUMBER 1793

50. Missing a section in directory so your directory is messed up. This error will break everything else

MAT = 4731, MF = 3, MT = 616 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF= 3, MT=616 SECTION 3/616 NOT IN DIRECTORY

RECORD NUMBER 1805

51. Missing a section in directory so your directory is messed up. This error will break everything else

MAT = 4731, MF = 3, MT = 617 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF= 3, MT=617 SECTION 3/617 NOT IN DIRECTORY

RECORD NUMBER 1817

52. Missing a section in directory so your directory is messed up. This error will break everything else MAT=4731, MF=3, MT=618 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF= 3, MT=618 SECTION 3/618 NOT IN DIRECTORY

RECORD NUMBER 1829

53. Missing a section in directory so your directory is messed up. This error will break everything else

MAT = 4731, MF = 3, MT = 619 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF= 3, MT=619 SECTION 3/619 NOT IN DIRECTORY

RECORD NUMBER 1841

54. Missing a section in directory so your directory is messed up. This error will break everything else MAT=4731, MF=3, MT=620 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF= 3, MT=620 SECTION 3/620 NOT IN DIRECTORY

RECORD NUMBER 1853

55. Missing a section in directory so your directory is messed up. This error will break everything else MAT=4731, MF=3, MT=621 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF= 3, MT=621 SECTION 3/621 NOT IN DIRECTORY

RECORD NUMBER 1865

56. Missing a section in directory so your directory is messed up. This error will break everything else

MAT = 4731, MF = 3, MT = 622 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF= 3, MT=622 SECTION 3/622 NOT IN DIRECTORY

RECORD NUMBER 1877

57. Missing a section in directory so your directory is messed up. This error will break everything else

MAT = 4731, MF = 3, MT = 623 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF= 3, MT=623

SECTION 3/623 NOT IN DIRECTORY

RECORD NUMBER 1889

58. Missing a section in directory so your directory is messed up. This error will break everything else

MAT = 4731, MF = 3, MT = 624 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF= 3, MT=624 SECTION 3/624 NOT IN DIRECTORY

RECORD NUMBER 1901

59. Missing a section in directory so your directory is messed up. This error will break everything else

MAT = 4731, MF = 3, MT = 625 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF= 3, MT=625 SECTION 3/625 NOT IN DIRECTORY

RECORD NUMBER 1913

60. Missing a section in directory so your directory is messed up. This error will break everything else MAT=4731, MF=3, MT=626 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF= 3, MT=626

SECTION 3/626 NOT IN DIRECTORY

RECORD NUMBER 1925

61. Missing a section in directory so your directory is messed up. This error will break everything else

MAT = 4731, MF = 3, MT = 627 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF= 3, MT=627 SECTION 3/627 NOT IN DIRECTORY

RECORD NUMBER 1937

62. Missing a section in directory so your directory is messed up. This error will break everything else MAT=4731, MF=3, MT=628 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF= 3, MT=628 SECTION 3/628 NOT IN DIRECTORY

RECORD NUMBER 1949

63. Missing a section in directory so your directory is messed up. This error will break everything else MAT=4731, MF=3, MT=629 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF= 3, MT=629 SECTION 3/629 NOT IN DIRECTORY

RECORD NUMBER 1961

64. Missing a section in directory so your directory is messed up. This error will break everything else

MAT = 4731, MF = 3, MT = 630 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF= 3, MT=630 SECTION 3/630 NOT IN DIRECTORY

RECORD NUMBER 1973

65. Missing a section in directory so your directory is messed up. This error will break everything else MAT=4731, MF=3, MT=649 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF= 3, MT=649

SECTION 3/649 NOT IN DIRECTORY

RECORD NUMBER 1985

66. Missing a section in directory so your directory is messed up. This error will break everything else MAT=4731, MF=3, MT=800 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF= 3, MT=800 SECTION 3/800 NOT IN DIRECTORY

RECORD NUMBER 1997

67. Missing a section in directory so your directory is messed up. This error will break everything else MAT=4731, MF=3, MT=801 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF= 3, MT=801 SECTION 3/801 NOT IN DIRECTORY

RECORD NUMBER 2011

68. Missing a section in directory so your directory is messed up. This error will break everything else MAT=4731, MF=3, MT=849 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF= 3, MT=849 SECTION 3/849 NOT IN DIRECTORY

RECORD NUMBER 2025

69. Missing a section in directory so your directory is messed up. This error will break everything else MAT=4731, MF=4, MT=2 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF= 4, MT= 2 SECTION 4/ 2 NOT IN DIRECTORY

RECORD NUMBER 2040

70. Missing a section in directory so your directory is messed up. This error will break everything else MAT=4731, MF=4, MT=51 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF= 4, MT= 51 SECTION 4/ 51 NOT IN DIRECTORY

RECORD NUMBER 2165

71. Missing a section in directory so your directory is messed up. This error will break everything else MAT=4731, MF=4, MT=52 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF= 4, MT= 52 SECTION 4/ 52 NOT IN DIRECTORY

RECORD NUMBER 2256

72. Missing a section in directory so your directory is messed up. This error will break everything else

MAT = 4731, MF = 4, MT = 53 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF= 4, MT= 53 SECTION 4/ 53 NOT IN DIRECTORY

RECORD NUMBER 2343

73. Missing a section in directory so your directory is messed up. This error will break everything else

MAT = 4731, MF = 4, MT = 54 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF= 4, MT= 54 SECTION 4/ 54 NOT IN DIRECTORY

RECORD NUMBER 2455

74. Missing a section in directory so your directory is messed up. This error will break everything else

MAT = 4731, MF = 4, MT = 55 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF= 4, MT= 55 SECTION 4/ 55 NOT IN DIRECTORY

RECORD NUMBER 2564

75. Missing a section in directory so your directory is messed up. This error will break everything else MAT=4731, MF=4, MT=56 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF= 4, MT= 56 SECTION 4/ 56 NOT IN DIRECTORY

RECORD NUMBER 2643

76. Missing a section in directory so your directory is messed up. This error will break everything else MAT=4731, MF=4, MT=57 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF= 4, MT= 57 SECTION 4/ 57 NOT IN DIRECTORY

RECORD NUMBER 2716

77. Missing a section in directory so your directory is messed up. This error will break everything else MAT=4731, MF=4, MT=58 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF= 4, MT= 58 SECTION 4/ 58 NOT IN DIRECTORY

RECORD NUMBER 2789

78. Missing a section in directory so your directory is messed up. This error will break everything else MAT=4731, MF=4, MT=59 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF= 4, MT= 59 SECTION 4/ 59 NOT IN DIRECTORY

RECORD NUMBER 2862

79. Missing a section in directory so your directory is messed up. This error will break everything else MAT=4731, MF=4, MT=60 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF= 4, MT= 60 SECTION 4/ 60 NOT IN DIRECTORY

RECORD NUMBER 2935

80. Missing a section in directory so your directory is messed up. This error will break everything else

MAT = 4731, MF = 4, MT = 61 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF= 4, MT= 61 SECTION 4/ 61 NOT IN DIRECTORY

RECORD NUMBER 3008

81. Missing a section in directory so your directory is messed up. This error will break everything else MAT=4731, MF=4, MT=62 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF= 4, MT= 62 SECTION 4/ 62 NOT IN DIRECTORY

RECORD NUMBER 3081

82. Missing a section in directory so your directory is messed up. This error will break everything else MAT=4731, MF=4, MT=63 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF= 4, MT= 63 SECTION 4/ 63 NOT IN DIRECTORY

RECORD NUMBER 3152

83. Missing a section in directory so your directory is messed up. This error will break everything else MAT=4731, MF=4, MT=64 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF= 4, MT= 64 SECTION 4/ 64 NOT IN DIRECTORY

RECORD NUMBER 3223

84. Missing a section in directory so your directory is messed up. This error will break everything else MAT=4731, MF=4, MT=65 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF= 4, MT= 65 SECTION 4/ 65 NOT IN DIRECTORY

RECORD NUMBER 3294

85. Missing a section in directory so your directory is messed up. This error will break everything else MAT=4731, MF=4, MT=66 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF= 4, MT= 66 SECTION 4/ 66 NOT IN DIRECTORY

RECORD NUMBER 3365

86. Missing a section in directory so your directory is messed up. This error will break everything else MAT=4731, MF=4, MT=67 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF= 4, MT= 67 SECTION 4/ 67 NOT IN DIRECTORY

RECORD NUMBER 3434

87. Missing a section in directory so your directory is messed up. This error will break everything else MAT=4731, MF=4, MT=68 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF= 4, MT= 68 SECTION 4/ 68 NOT IN DIRECTORY

RECORD NUMBER 3507

88. Missing a section in directory so your directory is messed up. This error will break everything else

MAT = 4731, MF = 4, MT = 600 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF= 4, MT=600 SECTION 4/600 NOT IN DIRECTORY

RECORD NUMBER 3572

89. Missing a section in directory so your directory is messed up. This error will break everything else

MAT = 4731, MF = 4, MT = 601 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF= 4, MT=601 SECTION 4/601 NOT IN DIRECTORY

RECORD NUMBER 3625

90. Missing a section in directory so your directory is messed up. This error will break everything else

MAT = 4731, MF = 4, MT = 602 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF= 4, MT=602 SECTION 4/602 NOT IN DIRECTORY

RECORD NUMBER 3678

91. Missing a section in directory so your directory is messed up. This error will break everything else MAT=4731, MF=4, MT=603 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF= 4, MT=603 SECTION 4/603 NOT IN DIRECTORY

RECORD NUMBER 3731

92. Missing a section in directory so your directory is messed up. This error will break everything else MAT=4731, MF=4, MT=604 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF= 4, MT=604 SECTION 4/604 NOT IN DIRECTORY

RECORD NUMBER 3784

93. Missing a section in directory so your directory is messed up. This error will break everything else MAT=4731, MF=4, MT=605 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF= 4, MT=605 SECTION 4/605 NOT IN DIRECTORY

RECORD NUMBER 3837

94. Missing a section in directory so your directory is messed up. This error will break everything else MAT=4731, MF=4, MT=606 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF= 4, MT=606 SECTION 4/606 NOT IN DIRECTORY

RECORD NUMBER 3890

95. Missing a section in directory so your directory is messed up. This error will break everything else MAT=4731, MF=4, MT=607 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF= 4, MT=607 SECTION 4/607 NOT IN DIRECTORY

RECORD NUMBER 3943

96. Missing a section in directory so your directory is messed up. This error will break everything else

MAT = 4731, MF = 4, MT = 608 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF= 4, MT=608 SECTION 4/608 NOT IN DIRECTORY

RECORD NUMBER 3996

97. Missing a section in directory so your directory is messed up. This error will break everything else

MAT = 4731, MF = 4, MT = 609 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF= 4, MT=609 SECTION 4/609 NOT IN DIRECTORY

RECORD NUMBER 4049

98. Missing a section in directory so your directory is messed up. This error will break everything else

MAT = 4731, MF = 4, MT = 610 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF= 4, MT=610 SECTION 4/610 NOT IN DIRECTORY

RECORD NUMBER 4102

99. Missing a section in directory so your directory is messed up. This error will break everything else

MAT = 4731, MF = 4, MT = 611 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF= 4, MT=611 SECTION 4/611 NOT IN DIRECTORY

RECORD NUMBER 4155

100. Missing a section in directory so your directory is messed up. This error will break everything else

MAT = 4731, MF = 4, MT = 612 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF= 4, MT=612 SECTION 4/612 NOT IN DIRECTORY

RECORD NUMBER 4208

101. Missing a section in directory so your directory is messed up. This error will break everything else

MAT = 4731, MF = 4, MT = 613 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF= 4, MT=613 SECTION 4/613 NOT IN DIRECTORY

RECORD NUMBER 4261

102. Missing a section in directory so your directory is messed up. This error will break everything else MAT=4731, MF= 4, MT=614 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF= 4, MT=614 SECTION 4/614 NOT IN DIRECTORY

RECORD NUMBER 4314

103. Missing a section in directory so your directory is messed up. This error will break everything else MAT=4731, MF=4, MT=615 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF= 4, MT=615 SECTION 4/615 NOT IN DIRECTORY

RECORD NUMBER 4367

104. Missing a section in directory so your directory is messed up. This error will break everything else

MAT = 4731, MF = 4, MT = 616 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF= 4, MT=616 SECTION 4/616 NOT IN DIRECTORY

RECORD NUMBER 4420

105. Missing a section in directory so your directory is messed up. This error will break everything else

MAT = 4731, MF = 4, MT = 617 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF= 4, MT=617 SECTION 4/617 NOT IN DIRECTORY

RECORD NUMBER 4473

106. Missing a section in directory so your directory is messed up. This error will break everything else

MAT = 4731, MF = 4, MT = 618 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF= 4, MT=618 SECTION 4/618 NOT IN DIRECTORY

RECORD NUMBER 4526

107. Missing a section in directory so your directory is messed up. This error will break everything else  $MAT=4731,\ MF=4,\ MT=619\ (0)$ : Directory (b)

ERROR(S) FOUND IN MAT=4731, MF= 4, MT=619 SECTION 4/619 NOT IN DIRECTORY

RECORD NUMBER 4579

108. Missing a section in directory so your directory is messed up. This error will break everything else MAT=4731, MF=4, MT=620 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF= 4, MT=620 SECTION 4/620 NOT IN DIRECTORY

RECORD NUMBER 4632

109. Missing a section in directory so your directory is messed up. This error will break everything else

MAT = 4731, MF = 4, MT = 621 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF= 4, MT=621 SECTION 4/621 NOT IN DIRECTORY

RECORD NUMBER 4685

110. Missing a section in directory so your directory is messed up. This error will break everything else MAT=4731, MF=4, MT=622 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF= 4, MT=622 SECTION 4/622 NOT IN DIRECTORY

RECORD NUMBER 4738

111. Missing a section in directory so your directory is messed up. This error will break everything else  $MAT=4731,\ MF=4,\ MT=623\ (0)$ : Directory (b)

ERROR(S) FOUND IN MAT=4731, MF= 4, MT=623 SECTION 4/623 NOT IN DIRECTORY

RECORD NUMBER 4791

112. Missing a section in directory so your directory is messed up. This error will break everything else

MAT = 4731, MF = 4, MT = 624 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF= 4, MT=624 SECTION 4/624 NOT IN DIRECTORY

RECORD NUMBER 4844

113. Missing a section in directory so your directory is messed up. This error will break everything else MAT=4731, MF=4, MT=625 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF= 4, MT=625 SECTION 4/625 NOT IN DIRECTORY

RECORD NUMBER 4897

114. Missing a section in directory so your directory is messed up. This error will break everything else

MAT = 4731, MF = 4, MT = 626 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF= 4, MT=626 SECTION 4/626 NOT IN DIRECTORY

RECORD NUMBER 4950

115. Missing a section in directory so your directory is messed up. This error will break everything else MAT=4731, MF=4, MT=627 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF= 4, MT=627 SECTION 4/627 NOT IN DIRECTORY

RECORD NUMBER 5003

116. Missing a section in directory so your directory is messed up. This error will break everything else MAT=4731, MF=4, MT=628 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF= 4, MT=628 SECTION 4/628 NOT IN DIRECTORY

RECORD NUMBER 5056

117. Missing a section in directory so your directory is messed up. This error will break everything else MAT=4731, MF=4, MT=629 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF= 4, MT=629 SECTION 4/629 NOT IN DIRECTORY

RECORD NUMBER 5109

118. Missing a section in directory so your directory is messed up. This error will break everything else MAT=4731, MF=4, MT=630 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF= 4, MT=630 SECTION 4/630 NOT IN DIRECTORY

RECORD NUMBER 5162

119. Missing a section in directory so your directory is messed up. This error will break everything else  $MAT=4731,\ MF=4,\ MT=800\ (0)$ : Directory (b)

ERROR(S) FOUND IN MAT=4731, MF= 4, MT=800 SECTION 4/800 NOT IN DIRECTORY

RECORD NUMBER 5215

120. Missing a section in directory so your directory is messed up. This error will break everything else

MAT = 4731, MF = 4, MT = 801 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF= 4, MT=801 SECTION 4/801 NOT IN DIRECTORY

RECORD NUMBER 5278

121. Missing a section in directory so your directory is messed up. This error will break everything else MAT=4731, MF=6, MT=16 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF= 6, MT= 16

SECTION 6/ 16 NOT IN DIRECTORY

RECORD NUMBER 5342

122. Missing a section in directory so your directory is messed up. This error will break everything else  $MAT=4731,\ MF=\ 6,\ MT=\ 17\ (0):\ Directory\ (b)$ 

ERROR(S) FOUND IN MAT=4731, MF= 6, MT= 17 SECTION 6/ 17 NOT IN DIRECTORY

RECORD NUMBER 6218

123. Missing a section in directory so your directory is messed up. This error will break everything else MAT=4731, MF=6, MT=22 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF= 6, MT= 22 SECTION 6/ 22 NOT IN DIRECTORY

RECORD NUMBER 6336

124. Missing a section in directory so your directory is messed up. This error will break everything else MAT=4731, MF=6, MT=24 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF= 6, MT= 24 SECTION 6/ 24 NOT IN DIRECTORY

RECORD NUMBER 7908

125. Missing a section in directory so your directory is messed up. This error will break everything else

MAT = 4731, MF = 6, MT = 28 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF= 6, MT= 28 SECTION 6/ 28 NOT IN DIRECTORY

RECORD NUMBER 8080

126. Missing a section in directory so your directory is messed up. This error will break everything else MAT=4731, MF=6, MT=41 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF= 6, MT= 41 SECTION 6/ 41 NOT IN DIRECTORY

RECORD NUMBER 9623

127. Missing a section in directory so your directory is messed up. This error will break everything else MAT=4731, MF=6, MT=91 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF= 6, MT= 91 SECTION 6/ 91 NOT IN DIRECTORY

RECORD NUMBER 9767

128. Missing a section in directory so your directory is messed up. This error will break everything else

MAT = 4731, MF = 6, MT = 102 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF= 6, MT=102 SECTION 6/102 NOT IN DIRECTORY

RECORD NUMBER 17700

129. Missing a section in directory so your directory is messed up. This error will break everything else MAT=4731, MF=6, MT=649 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF= 6, MT=649

SECTION 6/649 NOT IN DIRECTORY

RECORD NUMBER 19133

130. Missing a section in directory so your directory is messed up. This error will break everything else MAT=4731, MF=6, MT=849 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF= 6, MT=849 SECTION 6/849 NOT IN DIRECTORY

RECORD NUMBER 20594

131. Missing a section in directory so your directory is messed up. This error will break everything else MAT=4731, MF=12, MT=51 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF=12, MT= 51 SECTION 12/ 51 NOT IN DIRECTORY

RECORD NUMBER 21847

132. Missing a section in directory so your directory is messed up. This error will break everything else MAT=4731, MF=12, MT=52 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF=12, MT= 52 SECTION 12/ 52 NOT IN DIRECTORY

RECORD NUMBER 21851

133. Missing a section in directory so your directory is messed up. This error will break everything else MAT=4731, MF=12, MT= 53 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF=12, MT= 53 SECTION 12/ 53 NOT IN DIRECTORY

RECORD NUMBER 21855

134. Missing a section in directory so your directory is messed up. This error will break everything else MAT=4731, MF=12, MT=54 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF=12, MT= 54 SECTION 12/ 54 NOT IN DIRECTORY

RECORD NUMBER 21859

135. Missing a section in directory so your directory is messed up. This error will break everything else  $MAT=4731,\ MF=12,\ MT=\ 55\ (0)$ : Directory (b)

ERROR(S) FOUND IN MAT=4731, MF=12, MT= 55 SECTION 12/ 55 NOT IN DIRECTORY

RECORD NUMBER 21863

136. Missing a section in directory so your directory is messed up. This error will break everything else

MAT = 4731, MF = 12, MT = 56 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF=12, MT= 56 SECTION 12/ 56 NOT IN DIRECTORY

RECORD NUMBER 21867

137. Missing a section in directory so your directory is messed up. This error will break everything else MAT = 4731, MF = 12, MT = 57 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF=12, MT= 57

SECTION 12/ 57 NOT IN DIRECTORY

RECORD NUMBER 21871

138. Missing a section in directory so your directory is messed up. This error will break everything else MAT = 4731, MF = 12, MT = 58 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF=12, MT= 58 SECTION 12/ 58 NOT IN DIRECTORY

RECORD NUMBER 21875

139. Missing a section in directory so your directory is messed up. This error will break everything else MAT = 4731, MF = 12, MT = 59 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF=12, MT= 59 SECTION 12/ 59 NOT IN DIRECTORY

RECORD NUMBER 21879

140. Missing a section in directory so your directory is messed up. This error will break everything else MAT = 4731, MF = 12, MT = 60 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF=12, MT= 60 SECTION 12/ 60 NOT IN DIRECTORY

RECORD NUMBER 21884

141. Missing a section in directory so your directory is messed up. This error will break everything else

MAT = 4731, MF = 12, MT = 61 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF=12, MT= 61 SECTION 12/ 61 NOT IN DIRECTORY

RECORD NUMBER 21888

142. Missing a section in directory so your directory is messed up. This error will break everything else MAT = 4731, MF = 12, MT = 62 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF=12, MT= 62 SECTION 12/ 62 NOT IN DIRECTORY

RECORD NUMBER 21892

143. Missing a section in directory so your directory is messed up. This error will break everything else MAT = 4731, MF = 12, MT = 63 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF=12, MT= 63 SECTION 12/ 63 NOT IN DIRECTORY

RECORD NUMBER 21896

144. Missing a section in directory so your directory is messed up. This error will break everything else

MAT = 4731, MF = 12, MT = 64 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF=12, MT= 64 SECTION 12/ 64 NOT IN DIRECTORY

RECORD NUMBER 21901

145. Missing a section in directory so your directory is messed up. This error will break everything else MAT = 4731, MF = 12, MT = 65 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF=12, MT= 65

SECTION 12/ 65 NOT IN DIRECTORY

RECORD NUMBER 21905

146. Missing a section in directory so your directory is messed up. This error will break everything else MAT = 4731, MF = 12, MT = 66 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF=12, MT= 66 SECTION 12/ 66 NOT IN DIRECTORY

RECORD NUMBER 21909

147. Missing a section in directory so your directory is messed up. This error will break everything else MAT = 4731, MF = 12, MT = 67 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF=12, MT= 67 SECTION 12/ 67 NOT IN DIRECTORY

RECORD NUMBER 21913

148. Missing a section in directory so your directory is messed up. This error will break everything else MAT = 4731, MF = 12, MT = 68 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF=12, MT= 68 SECTION 12/ 68 NOT IN DIRECTORY

RECORD NUMBER 21917

149. Missing a section in directory so your directory is messed up. This error will break everything else

MAT = 4731, MF = 12, MT = 601 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF=12, MT=601 SECTION 12/601 NOT IN DIRECTORY

RECORD NUMBER 21921

150. Missing a section in directory so your directory is messed up. This error will break everything else MAT = 4731, MF = 12, MT = 602 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF=12, MT=602 SECTION 12/602 NOT IN DIRECTORY

RECORD NUMBER 21925

151. Missing a section in directory so your directory is messed up. This error will break everything else MAT = 4731, MF = 12, MT = 603 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF=12, MT=603 SECTION 12/603 NOT IN DIRECTORY

RECORD NUMBER 21929

152. Missing a section in directory so your directory is messed up. This error will break everything else

MAT = 4731, MF = 12, MT = 604 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF=12, MT=604 SECTION 12/604 NOT IN DIRECTORY

RECORD NUMBER 21933

153. Missing a section in directory so your directory is messed up. This error will break everything else MAT=4731, MF=12, MT=605 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF=12, MT=605

SECTION 12/605 NOT IN DIRECTORY

RECORD NUMBER 21937

154. Missing a section in directory so your directory is messed up. This error will break everything else  $MAT=4731,\ MF=12,\ MT=606\ (0)$ : Directory (b)

ERROR(S) FOUND IN MAT=4731, MF=12, MT=606 SECTION 12/606 NOT IN DIRECTORY

RECORD NUMBER 21941

155. Missing a section in directory so your directory is messed up. This error will break everything else MAT=4731, MF=12, MT=607 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF=12, MT=607 SECTION 12/607 NOT IN DIRECTORY

RECORD NUMBER 21945

156. Missing a section in directory so your directory is messed up. This error will break everything else MAT=4731, MF=12, MT=608 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF=12, MT=608 SECTION 12/608 NOT IN DIRECTORY

RECORD NUMBER 21949

157. Missing a section in directory so your directory is messed up. This error will break everything else MAT=4731, MF=12, MT=609 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF=12, MT=609 SECTION 12/609 NOT IN DIRECTORY

RECORD NUMBER 21953

158. Missing a section in directory so your directory is messed up. This error will break everything else MAT=4731, MF=12, MT=610 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF=12, MT=610 SECTION 12/610 NOT IN DIRECTORY

RECORD NUMBER 21957

159. Missing a section in directory so your directory is messed up. This error will break everything else  $MAT=4731,\ MF=12,\ MT=611\ (0)$ : Directory (b)

ERROR(S) FOUND IN MAT=4731, MF=12, MT=611 SECTION 12/611 NOT IN DIRECTORY

RECORD NUMBER 21961

160. Missing a section in directory so your directory is messed up. This error will break everything else

MAT = 4731, MF = 12, MT = 612 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF=12, MT=612 SECTION 12/612 NOT IN DIRECTORY

RECORD NUMBER 21965

161. Missing a section in directory so your directory is messed up. This error will break everything else MAT=4731, MF=12, MT=613 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF=12, MT=613

SECTION 12/613 NOT IN DIRECTORY

RECORD NUMBER 21969

162. Missing a section in directory so your directory is messed up. This error will break everything else MAT=4731, MF=12, MT=614 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF=12, MT=614 SECTION 12/614 NOT IN DIRECTORY

RECORD NUMBER 21973

163. Missing a section in directory so your directory is messed up. This error will break everything else MAT=4731, MF=12, MT=615 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF=12, MT=615 SECTION 12/615 NOT IN DIRECTORY

RECORD NUMBER 21977

164. Missing a section in directory so your directory is messed up. This error will break everything else MAT=4731, MF=12, MT=616 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF=12, MT=616 SECTION 12/616 NOT IN DIRECTORY

RECORD NUMBER 21981

165. Missing a section in directory so your directory is messed up. This error will break everything else MAT=4731, MF=12, MT=617 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF=12, MT=617 SECTION 12/617 NOT IN DIRECTORY

RECORD NUMBER 21986

166. Missing a section in directory so your directory is messed up. This error will break everything else MAT=4731, MF=12, MT=618 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF=12, MT=618 SECTION 12/618 NOT IN DIRECTORY

RECORD NUMBER 21991

167. Missing a section in directory so your directory is messed up. This error will break everything else  $MAT=4731,\ MF=12,\ MT=619\ (0)$ : Directory (b)

ERROR(S) FOUND IN MAT=4731, MF=12, MT=619 SECTION 12/619 NOT IN DIRECTORY

RECORD NUMBER 21997

168. Missing a section in directory so your directory is messed up. This error will break everything else

MAT = 4731, MF = 12, MT = 620 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF=12, MT=620 SECTION 12/620 NOT IN DIRECTORY

RECORD NUMBER 22001

169. Missing a section in directory so your directory is messed up. This error will break everything else MAT=4731, MF=12, MT=621 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF=12, MT=621

SECTION 12/621 NOT IN DIRECTORY

RECORD NUMBER 22006

170. Missing a section in directory so your directory is messed up. This error will break everything else  $MAT=4731,\ MF=12,\ MT=622\ (0)$ : Directory (b)

ERROR(S) FOUND IN MAT=4731, MF=12, MT=622 SECTION 12/622 NOT IN DIRECTORY

RECORD NUMBER 22012

171. Missing a section in directory so your directory is messed up. This error will break everything else MAT=4731, MF=12, MT=623 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF=12, MT=623 SECTION 12/623 NOT IN DIRECTORY

RECORD NUMBER 22016

172. Missing a section in directory so your directory is messed up. This error will break everything else MAT=4731, MF=12, MT=624 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF=12, MT=624 SECTION 12/624 NOT IN DIRECTORY

RECORD NUMBER 22021

173. Missing a section in directory so your directory is messed up. This error will break everything else MAT=4731, MF=12, MT=625 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF=12, MT=625 SECTION 12/625 NOT IN DIRECTORY

RECORD NUMBER 22025

174. Missing a section in directory so your directory is messed up. This error will break everything else MAT=4731, MF=12, MT=626 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF=12, MT=626 SECTION 12/626 NOT IN DIRECTORY

RECORD NUMBER 22030

175. Missing a section in directory so your directory is messed up. This error will break everything else  $MAT=4731,\ MF=12,\ MT=627\ (0)$ : Directory (b)

ERROR(S) FOUND IN MAT=4731, MF=12, MT=627 SECTION 12/627 NOT IN DIRECTORY

RECORD NUMBER 22034

176. Missing a section in directory so your directory is messed up. This error will break everything else

MAT = 4731, MF = 12, MT = 628 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF=12, MT=628 SECTION 12/628 NOT IN DIRECTORY

RECORD NUMBER 22038

177. Missing a section in directory so your directory is messed up. This error will break everything else  $MAT=4731,\ MF=12,\ MT=629\ (0)$ : Directory (b)

ERROR(S) FOUND IN MAT=4731, MF=12, MT=629

SECTION 12/629 NOT IN DIRECTORY

RECORD NUMBER 22043

178. Missing a section in directory so your directory is messed up. This error will break everything else

 $\label{eq:MAT} \v{MAT} = \cup4731, \ MF = 12, \ MT = 630 \ (0) \colon Directory \ (b)$ 

ERROR(S) FOUND IN MAT=4731, MF=12, MT=630 SECTION 12/630 NOT IN DIRECTORY

RECORD NUMBER 22048

179. Missing a section in directory so your directory is messed up. This error will break everything else MAT=4731, MF=12, MT=801 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF=12, MT=801 SECTION 12/801 NOT IN DIRECTORY

RECORD NUMBER 22052

180. Missing a section in directory so your directory is messed up. This error will break everything else MAT=4731, MF=14, MT=51 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF=14, MT= 51 SECTION 14/ 51 NOT IN DIRECTORY

RECORD NUMBER 22057

181. Missing a section in directory so your directory is messed up. This error will break everything else MAT=4731, MF=14, MT=52 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF=14, MT= 52 SECTION 14/ 52 NOT IN DIRECTORY

RECORD NUMBER 22059

182. Missing a section in directory so your directory is messed up. This error will break everything else MAT=4731, MF=14, MT= 53 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF=14, MT= 53 SECTION 14/ 53 NOT IN DIRECTORY

RECORD NUMBER 22061

183. Missing a section in directory so your directory is messed up. This error will break everything else  $MAT=4731,\ MF=14,\ MT=$  54 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF=14, MT= 54 SECTION 14/ 54 NOT IN DIRECTORY

RECORD NUMBER 22063

184. Missing a section in directory so your directory is messed up. This error will break everything else

MAT = 4731, MF = 14, MT = 55 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF=14, MT= 55 SECTION 14/ 55 NOT IN DIRECTORY

RECORD NUMBER 22065

185. Missing a section in directory so your directory is messed up. This error will break everything else MAT=4731, MF=14, MT=56 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF=14, MT= 56 SECTION 14/ 56 NOT IN DIRECTORY

RECORD NUMBER 22067

186. Missing a section in directory so your directory is messed up. This error will break everything else MAT=4731, MF=14, MT= 57 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF=14, MT= 57 SECTION 14/ 57 NOT IN DIRECTORY

RECORD NUMBER 22069

187. Missing a section in directory so your directory is messed up. This error will break everything else MAT=4731, MF=14, MT=58 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF=14, MT= 58 SECTION 14/ 58 NOT IN DIRECTORY

RECORD NUMBER 22071

188. Missing a section in directory so your directory is messed up. This error will break everything else MAT=4731, MF=14, MT=59 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF=14, MT= 59 SECTION 14/ 59 NOT IN DIRECTORY

RECORD NUMBER 22073

189. Missing a section in directory so your directory is messed up. This error will break everything else MAT=4731, MF=14, MT= 60 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF=14, MT= 60 SECTION 14/ 60 NOT IN DIRECTORY

RECORD NUMBER 22075

190. Missing a section in directory so your directory is messed up. This error will break everything else MAT=4731, MF=14, MT= 61 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF=14, MT= 61 SECTION 14/ 61 NOT IN DIRECTORY

RECORD NUMBER 22077

191. Missing a section in directory so your directory is messed up. This error will break everything else  $MAT=4731,\ MF=14,\ MT=$  62 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF=14, MT= 62 SECTION 14/ 62 NOT IN DIRECTORY

RECORD NUMBER 22079

192. Missing a section in directory so your directory is messed up. This error will break everything else MAT=4731, MF=14, MT=63 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF=14, MT= 63 SECTION 14/ 63 NOT IN DIRECTORY

RECORD NUMBER 22081

193. Missing a section in directory so your directory is messed up. This error will break everything else MAT=4731, MF=14, MT=64 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF=14, MT= 64

SECTION 14/ 64 NOT IN DIRECTORY

RECORD NUMBER 22083

194. Missing a section in directory so your directory is messed up. This error will break everything else MAT=4731, MF=14, MT=65 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF=14, MT= 65 SECTION 14/ 65 NOT IN DIRECTORY

RECORD NUMBER 22085

195. Missing a section in directory so your directory is messed up. This error will break everything else  $MAT=4731,\ MF=14,\ MT=\ 66\ (0)$ : Directory (b)

ERROR(S) FOUND IN MAT=4731, MF=14, MT= 66 SECTION 14/ 66 NOT IN DIRECTORY

RECORD NUMBER 22087

196. Missing a section in directory so your directory is messed up. This error will break everything else MAT=4731, MF=14, MT=67 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF=14, MT= 67 SECTION 14/ 67 NOT IN DIRECTORY

RECORD NUMBER 22089

197. Missing a section in directory so your directory is messed up. This error will break everything else MAT=4731, MF=14, MT=68 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF=14, MT= 68 SECTION 14/ 68 NOT IN DIRECTORY

RECORD NUMBER 22091

198. Missing a section in directory so your directory is messed up. This error will break everything else MAT=4731, MF=14, MT=601 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF=14, MT=601 SECTION 14/601 NOT IN DIRECTORY

RECORD NUMBER 22093

199. Missing a section in directory so your directory is messed up. This error will break everything else  $MAT=4731,\ MF=14,\ MT=602\ (0)$ : Directory (b)

ERROR(S) FOUND IN MAT=4731, MF=14, MT=602 SECTION 14/602 NOT IN DIRECTORY

RECORD NUMBER 22095

200. Missing a section in directory so your directory is messed up. This error will break everything else

MAT = 4731, MF = 14, MT = 603 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF=14, MT=603 SECTION 14/603 NOT IN DIRECTORY

RECORD NUMBER 22097

201. Missing a section in directory so your directory is messed up. This error will break everything else MAT=4731, MF=14, MT=604 (0): Directory (b)

11111 4,101, 111 14, 1111 004 (0), 20,0000,

ERROR(S) FOUND IN MAT=4731, MF=14, MT=604 SECTION 14/604 NOT IN DIRECTORY

RECORD NUMBER 22099

202. Missing a section in directory so your directory is messed up. This error will break everything else

MAT = 4731, MF = 14, MT = 605 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF=14, MT=605 SECTION 14/605 NOT IN DIRECTORY

RECORD NUMBER 22101

203. Missing a section in directory so your directory is messed up. This error will break everything else  $MAT=4731,\ MF=14,\ MT=606\ (0)$ : Directory (b)

ERROR(S) FOUND IN MAT=4731, MF=14, MT=606 SECTION 14/606 NOT IN DIRECTORY

RECORD NUMBER 22103

204. Missing a section in directory so your directory is messed up. This error will break everything else MAT=4731, MF=14, MT=607 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF=14, MT=607 SECTION 14/607 NOT IN DIRECTORY

RECORD NUMBER 22105

205. Missing a section in directory so your directory is messed up. This error will break everything else MAT=4731, MF=14, MT=608 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF=14, MT=608 SECTION 14/608 NOT IN DIRECTORY

RECORD NUMBER 22107

206. Missing a section in directory so your directory is messed up. This error will break everything else MAT=4731, MF=14, MT=609 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF=14, MT=609 SECTION 14/609 NOT IN DIRECTORY

RECORD NUMBER 22109

207. Missing a section in directory so your directory is messed up. This error will break everything else  $MAT=4731,\ MF=14,\ MT=610\ (0)$ : Directory (b)

ERROR(S) FOUND IN MAT=4731, MF=14, MT=610 SECTION 14/610 NOT IN DIRECTORY

RECORD NUMBER 22111

208. Missing a section in directory so your directory is messed up. This error will break everything else

MAT = 4731, MF = 14, MT = 611 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF=14, MT=611 SECTION 14/611 NOT IN DIRECTORY

RECORD NUMBER 22113

209. Missing a section in directory so your directory is messed up. This error will break everything else MAT=4731, MF=14, MT=612 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF=14, MT=612 SECTION 14/612 NOT IN DIRECTORY

RECORD NUMBER 22115

210. Missing a section in directory so your directory is messed up. This error will break everything else MAT=4731, MF=14, MT=613 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF=14, MT=613 SECTION 14/613 NOT IN DIRECTORY

RECORD NUMBER 22117

211. Missing a section in directory so your directory is messed up. This error will break everything else  $MAT=4731,\ MF=14,\ MT=614\ (0)$ : Directory (b)

ERROR(S) FOUND IN MAT=4731, MF=14, MT=614 SECTION 14/614 NOT IN DIRECTORY

RECORD NUMBER 22119

212. Missing a section in directory so your directory is messed up. This error will break everything else MAT=4731, MF=14, MT=615 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF=14, MT=615 SECTION 14/615 NOT IN DIRECTORY

RECORD NUMBER 22121

213. Missing a section in directory so your directory is messed up. This error will break everything else MAT=4731, MF=14, MT=616 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF=14, MT=616 SECTION 14/616 NOT IN DIRECTORY

RECORD NUMBER 22123

214. Missing a section in directory so your directory is messed up. This error will break everything else MAT=4731, MF=14, MT=617 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF=14, MT=617 SECTION 14/617 NOT IN DIRECTORY

RECORD NUMBER 22125

215. Missing a section in directory so your directory is messed up. This error will break everything else  $MAT=4731,\ MF=14,\ MT=618\ (0)$ : Directory (b)

ERROR(S) FOUND IN MAT=4731, MF=14, MT=618 SECTION 14/618 NOT IN DIRECTORY

RECORD NUMBER 22127

216. Missing a section in directory so your directory is messed up. This error will break everything else

MAT = 4731, MF = 14, MT = 619 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF=14, MT=619 SECTION 14/619 NOT IN DIRECTORY

RECORD NUMBER 22129

217. Missing a section in directory so your directory is messed up. This error will break everything else  $MAT=4731,\ MF=14,\ MT=620\ (0)$ : Directory (b)

ERROR(S) FOUND IN MAT=4731, MF=14, MT=620

SECTION 14/620 NOT IN DIRECTORY

RECORD NUMBER 22131

218. Missing a section in directory so your directory is messed up. This error will break everything else

MAT = 4731, MF = 14, MT = 621 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF=14, MT=621 SECTION 14/621 NOT IN DIRECTORY

RECORD NUMBER 22133

219. Missing a section in directory so your directory is messed up. This error will break everything else MAT=4731, MF=14, MT=622 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF=14, MT=622 SECTION 14/622 NOT IN DIRECTORY

RECORD NUMBER 22135

220. Missing a section in directory so your directory is messed up. This error will break everything else MAT=4731, MF=14, MT=623 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF=14, MT=623 SECTION 14/623 NOT IN DIRECTORY

RECORD NUMBER 22137

221. Missing a section in directory so your directory is messed up. This error will break everything else MAT=4731, MF=14, MT=624 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF=14, MT=624 SECTION 14/624 NOT IN DIRECTORY

RECORD NUMBER 22139

222. Missing a section in directory so your directory is messed up. This error will break everything else MAT=4731, MF=14, MT=625 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF=14, MT=625 SECTION 14/625 NOT IN DIRECTORY

RECORD NUMBER 22141

223. Missing a section in directory so your directory is messed up. This error will break everything else  $MAT=4731,\ MF=14,\ MT=626\ (0)$ : Directory (b)

ERROR(S) FOUND IN MAT=4731, MF=14, MT=626 SECTION 14/626 NOT IN DIRECTORY

RECORD NUMBER 22143

224. Missing a section in directory so your directory is messed up. This error will break everything else

MAT = 4731, MF = 14, MT = 627 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF=14, MT=627 SECTION 14/627 NOT IN DIRECTORY

RECORD NUMBER 22145

225. Missing a section in directory so your directory is messed up. This error will break everything else  $MAT=4731,\ MF=14,\ MT=628\ (0)$ : Directory (b)

ERROR(S) FOUND IN MAT=4731, MF=14, MT=628

SECTION 14/628 NOT IN DIRECTORY

RECORD NUMBER 22147

226. Missing a section in directory so your directory is messed up. This error will break everything else MAT=4731, MF=14, MT=629 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF=14, MT=629 SECTION 14/629 NOT IN DIRECTORY

RECORD NUMBER 22149

227. Missing a section in directory so your directory is messed up. This error will break everything else  $MAT=4731,\ MF=14,\ MT=630\ (0)$ : Directory (b)

ERROR(S) FOUND IN MAT=4731, MF=14, MT=630 SECTION 14/630 NOT IN DIRECTORY

RECORD NUMBER 22151

228. Missing a section in directory so your directory is messed up. This error will break everything else MAT=4731, MF=14, MT=801 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF=14, MT=801 SECTION 14/801 NOT IN DIRECTORY

RECORD NUMBER 22153

229. Missing a section in directory so your directory is messed up. This error will break everything else

MAT = 4731, MF = 33, MT = 1 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF=33, MT= 1 SECTION 33/ 1 NOT IN DIRECTORY

RECORD NUMBER 22156

230. Missing a section in directory so your directory is messed up. This error will break everything else MAT=4731, MF=33, MT=2 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF=33, MT= 2 SECTION 33/ 2 NOT IN DIRECTORY

RECORD NUMBER 22359

231. Missing a section in directory so your directory is messed up. This error will break everything else MAT=4731, MF=33, MT=4 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF=33, MT= 4 SECTION 33/ 4 NOT IN DIRECTORY

RECORD NUMBER 22562

232. Missing a section in directory so your directory is messed up. This error will break everything else MAT=4731, MF=33, MT=16 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF=33, MT= 16 SECTION 33/ 16 NOT IN DIRECTORY

RECORD NUMBER 22724

233. Missing a section in directory so your directory is messed up. This error will break everything else MAT=4731, MF=33, MT=102 (0): Directory (b)

ERROR(S) FOUND IN MAT=4731, MF=33, MT=102 SECTION 33/102 NOT IN DIRECTORY

RECORD NUMBER 22744

- psyche Warnings:
  - 1. Level density in URR not in agreement with PSYCHE's expectations FILE 2 / SECTION 151 / ENERGY = 7.12000E+03. STRENGTH FUNCTION IS 5.10000E-05 / ENERGY = 7.12000E+03. STRENGTH FUNCTION IS 5.10000E-05 / DENSITY 2.57769E+01 SHOULD BE 2.51533E+01 (0): URR dens. (a)

FILE 2

SECTION 151

ENERGY = 7.12000E+03. STRENGTH FUNCTION IS 5.10000E-05 ENERGY = 7.12000E+03. STRENGTH FUNCTION IS 5.10000E-05 DENSITY 2.57769E+01 SHOULD BE 2.51533E+01

2. Level density in URR not in agreement with PSYCHE's expectations FILE 2 / SECTION 151 / ENERGY = 8.10000E+03. STRENGTH FUNCTION IS 5.10000E-05 / DENSITY 2.57427E+01 SHOULD BE 2.51199E+01 (0): URR dens. (a)

FILE 2

SECTION 151

ENERGY = 8.10000E+03. STRENGTH FUNCTION IS 5.10000E-05 DENSITY 2.57427E+01 SHOULD BE 2.51199E+01

3. Level density in URR not in agreement with PSYCHE's expectations FILE 2 / SECTION 151 / ENERGY = 9.10000E+03. STRENGTH FUNCTION IS 5.10000E-05 / DENSITY 2.57078E+01 SHOULD BE 2.50858E+01 (0): URR dens. (a)

FILE 2

SECTION 151

ENERGY = 9.10000E+03. STRENGTH FUNCTION IS 5.10000E-05 DENSITY 2.57078E+01 SHOULD BE 2.50858E+01

4. Level density in URR not in agreement with PSYCHE's expectations FILE 2 / SECTION 151 / ENERGY = 1.01000E+04. STRENGTH FUNCTION IS 5.10000E-05 / DENSITY 2.56730E+01 SHOULD BE 2.50519E+01 (0): URR dens. (a)

FILE 2

SECTION 151

ENERGY = 1.01000E+04. STRENGTH FUNCTION IS 5.10000E-05 DENSITY 2.56730E+01 SHOULD BE 2.50519E+01 5. Level density in URR not in agreement with PSYCHE's expectations FILE 2 / SECTION 151 / ENERGY = 2.01000E+04. STRENGTH FUNCTION IS 5.10000E-05 / DENSITY 2.53274E+01 SHOULD BE 2.47147E+01 (0): URR dens. (a)

FILE 2

SECTION 151

ENERGY = 2.01000E+04. STRENGTH FUNCTION IS 5.10000E-05 DENSITY 2.53274E+01 SHOULD BE 2.47147E+01

6. Level density in URR not in agreement with PSYCHE's expectations FILE 2 / SECTION 151 / ENERGY = 3.01000E+04. STRENGTH FUNCTION IS 5.10000E-05 / DENSITY 2.49867E+01 SHOULD BE 2.43822E+01 (0): URR dens. (a)

FILE 2

SECTION 151

ENERGY = 3.01000E+04. STRENGTH FUNCTION IS 5.10000E-05 DENSITY 2.49867E+01 SHOULD BE 2.43822E+01

7. Level density in URR not in agreement with PSYCHE's expectations FILE 2 / SECTION 151 / ENERGY = 4.01000E+04. STRENGTH FUNCTION IS 5.10000E-05 / DENSITY 2.46508E+01 SHOULD BE 2.40544E+01 (0): URR dens. (a)

FILE 2

SECTION 151

ENERGY = 4.01000E+04. STRENGTH FUNCTION IS 5.10000E-05 DENSITY 2.46508E+01 SHOULD BE 2.40544E+01

8. Level density in URR not in agreement with PSYCHE's expectations FILE 2 / SECTION 151 / ENERGY = 5.01000E+04. STRENGTH FUNCTION IS 5.10000E-05 / DENSITY 2.43196E+01 SHOULD BE 2.37312E+01 (0): URR dens. (a)

FILE 2

SECTION 151

ENERGY = 5.01000E+04. STRENGTH FUNCTION IS 5.10000E-05 DENSITY 2.43196E+01 SHOULD BE 2.37312E+01

9. Level density in URR not in agreement with PSYCHE's expectations FILE 2 / SECTION 151 / ENERGY = 6.01000E+04. STRENGTH FUNCTION IS 5.10000E-05 / DENSITY 2.39931E+01 SHOULD BE 2.34126E+01 (0): URR dens. (a)

FILE 2

SECTION 151

ENERGY = 6.01000E+04. STRENGTH FUNCTION IS 5.10000E-05 DENSITY 2.39931E+01 SHOULD BE 2.34126E+01

10. Level density in URR not in agreement with PSYCHE's expectations FILE 2 / SECTION 151 / ENERGY = 7.01000E+04. STRENGTH FUNCTION IS 5.10000E-05 / DENSITY 2.36711E+01 SHOULD BE 2.30984E+01 (0): URR dens. (a)

FILE 2

SECTION 151

ENERGY = 7.01000E+04. STRENGTH FUNCTION IS 5.10000E-05 DENSITY 2.36711E+01 SHOULD BE 2.30984E+01 11. Level density in URR not in agreement with PSYCHE's expectations FILE 2 / SECTION 151 / ENERGY = 8.01000E+04. STRENGTH FUNCTION IS 5.10000E-05 / DENSITY 2.33537E+01 SHOULD BE 2.27887E+01 (0): URR dens. (a)

FILE 2

SECTION 151

ENERGY = 8.01000E+04. STRENGTH FUNCTION IS 5.10000E-05 DENSITY 2.33537E+01 SHOULD BE 2.27887E+01

12. Level density in URR not in agreement with PSYCHE's expectations FILE 2 / SECTION 151 / ENERGY = 8.89150E+04. STRENGTH FUNCTION IS 5.10000E-05 / DENSITY 2.30776E+01 SHOULD BE 2.25193E+01 (0): URR dens. (a)

FILE 2

SECTION 151

ENERGY = 8.89150E+04. STRENGTH FUNCTION IS 5.10000E-05 DENSITY 2.30776E+01 SHOULD BE 2.25193E+01

13. Level density in URR not in agreement with PSYCHE's expectations FILE 2 / SECTION 151 / ENERGY = 7.12000E+03. STRENGTH FUNCTION IS 3.60000E-04 / ENERGY = 7.12000E+03. STRENGTH FUNCTION IS 3.60000E-04 / DENSITY 2.57769E+01 SHOULD BE 2.51533E+01 (0): URR dens. (a)

FILE 2

SECTION 151

ENERGY = 7.12000E+03. STRENGTH FUNCTION IS 3.60000E-04 ENERGY = 7.12000E+03. STRENGTH FUNCTION IS 3.60000E-04 DENSITY 2.57769E+01 SHOULD BE 2.51533E+01

14. Level density in URR not in agreement with PSYCHE's expectations FILE 2 / SECTION 151 / ENERGY = 8.10000E+03. STRENGTH FUNCTION IS 3.60000E-04 / DENSITY 2.57427E+01 SHOULD BE 2.51199E+01 (0): URR dens. (a)

FILE 2

SECTION 151

ENERGY = 8.10000E+03. STRENGTH FUNCTION IS 3.60000E-04 DENSITY 2.57427E+01 SHOULD BE 2.51199E+01

15. Level density in URR not in agreement with PSYCHE's expectations  $FILE\ 2\ /\ SECTION\ 151\ /\ ENERGY = 9.10000E+03.$   $STRENGTH\ FUNCTION\ IS\ 3.60000E-04\ /\ DENSITY\ 2.57078E+01\ SHOULD\ BE\ 2.50858E+01\ (0):\ URR\ dens.\ (a)$ 

FILE 2

SECTION 151

ENERGY = 9.10000E+03. STRENGTH FUNCTION IS 3.60000E-04 DENSITY 2.57078E+01 SHOULD BE 2.50858E+01

16. Level density in URR not in agreement with PSYCHE's expectations FILE 2 / SECTION 151 / ENERGY = 1.01000E+04. STRENGTH FUNCTION IS 3.60000E-04 / DENSITY 2.56730E+01 SHOULD BE 2.50519E+01 (0): URR dens. (a)

FILE 2

SECTION 151

ENERGY = 1.01000E+04. STRENGTH FUNCTION IS 3.60000E-04 DENSITY 2.56730E+01 SHOULD BE 2.50519E+01 17. Level density in URR not in agreement with PSYCHE's expectations FILE 2 / SECTION 151 / ENERGY = 2.01000E+04. STRENGTH FUNCTION IS 3.60000E-04 / DENSITY 2.53274E+01 SHOULD BE 2.47147E+01 (0): URR dens. (a)

FILE 2

SECTION 151

ENERGY = 2.01000E+04. STRENGTH FUNCTION IS 3.60000E-04 DENSITY 2.53274E+01 SHOULD BE 2.47147E+01

18. Level density in URR not in agreement with PSYCHE's expectations FILE 2 / SECTION 151 / ENERGY = 3.01000E+04. STRENGTH FUNCTION IS 3.60000E-04 / DENSITY 2.49867E+01 SHOULD BE 2.43822E+01 (0): URR dens. (a)

FILE 2

SECTION 151

ENERGY = 3.01000E+04. STRENGTH FUNCTION IS 3.60000E-04 DENSITY 2.49867E+01 SHOULD BE 2.43822E+01

19. Level density in URR not in agreement with PSYCHE's expectations FILE 2 / SECTION 151 / ENERGY = 4.01000E+04. STRENGTH FUNCTION IS 3.60000E-04 / DENSITY 2.46508E+01 SHOULD BE 2.40544E+01 (0): URR dens. (a)

FILE 2

SECTION 151

ENERGY = 4.01000E+04. STRENGTH FUNCTION IS 3.60000E-04 DENSITY 2.46508E+01 SHOULD BE 2.40544E+01

20. Level density in URR not in agreement with PSYCHE's expectations FILE 2 / SECTION 151 / ENERGY = 5.01000E+04. STRENGTH FUNCTION IS 3.60000E-04 / DENSITY 2.43196E+01 SHOULD BE 2.37312E+01 (0): URR dens. (a)

FILE 2

SECTION 151

ENERGY = 5.01000E+04. STRENGTH FUNCTION IS 3.60000E-04 DENSITY 2.43196E+01 SHOULD BE 2.37312E+01

21. Level density in URR not in agreement with PSYCHE's expectations FILE 2 / SECTION 151 / ENERGY = 6.01000E+04. STRENGTH FUNCTION IS 3.60000E-04 / DENSITY 2.39931E+01 SHOULD BE 2.34126E+01 (0): URR dens. (a)

FILE 2

SECTION 151

ENERGY = 6.01000E+04. STRENGTH FUNCTION IS 3.60000E-04 DENSITY 2.39931E+01 SHOULD BE 2.34126E+01

22. Level density in URR not in agreement with PSYCHE's expectations FILE 2 / SECTION 151 / ENERGY = 7.01000E+04. STRENGTH FUNCTION IS 3.60000E-04 / DENSITY 2.36711E+01 SHOULD BE 2.30984E+01 (0): URR dens. (a)

FILE 2

SECTION 151

ENERGY = 7.01000E+04. STRENGTH FUNCTION IS 3.60000E-04 DENSITY 2.36711E+01 SHOULD BE 2.30984E+01 23. Level density in URR not in agreement with PSYCHE's expectations FILE 2 / SECTION 151 / ENERGY = 8.01000E+04. STRENGTH FUNCTION IS 3.60000E-04 / DENSITY 2.33537E+01 SHOULD BE 2.27887E+01 (0): URR dens. (a)

FILE 2

SECTION 151

ENERGY = 8.01000E+04. STRENGTH FUNCTION IS 3.60000E-04 DENSITY 2.33537E+01 SHOULD BE 2.27887E+01

24. Level density in URR not in agreement with PSYCHE's expectations FILE 2 / SECTION 151 / ENERGY = 8.89150E+04. STRENGTH FUNCTION IS 3.60000E-04 / DENSITY 2.30776E+01 SHOULD BE 2.25193E+01 (0): URR dens. (a)

FILE 2

SECTION 151

ENERGY = 8.89150E+04. STRENGTH FUNCTION IS 3.60000E-04 DENSITY 2.30776E+01 SHOULD BE 2.25193E+01

25. Level density in URR not in agreement with PSYCHE's expectations FILE 2 / SECTION 151 / ENERGY = 7.12000E+03. STRENGTH FUNCTION IS 3.60000E-04 / ENERGY = 7.12000E+03. STRENGTH FUNCTION IS 3.60000E-04 / DENSITY 1.62426E+01 SHOULD BE 1.50920E+01 (0): URR dens. (a)

FILE 2

SECTION 151

ENERGY = 7.12000E+03. STRENGTH FUNCTION IS 3.60000E-04 ENERGY = 7.12000E+03. STRENGTH FUNCTION IS 3.60000E-04 DENSITY 1.62426E+01 SHOULD BE 1.50920E+01

26. Level density in URR not in agreement with PSYCHE's expectations FILE 2 / SECTION 151 / ENERGY = 8.10000E+03. STRENGTH FUNCTION IS 3.60000E-04 / DENSITY 1.62210E+01 SHOULD BE 1.50719E+01 (0): URR dens. (a)

FILE 2

SECTION 151

ENERGY = 8.10000E+03. STRENGTH FUNCTION IS 3.60000E-04 DENSITY 1.62210E+01 SHOULD BE 1.50719E+01

27. Level density in URR not in agreement with PSYCHE's expectations FILE 2 / SECTION 151 / ENERGY = 9.10000E+03. STRENGTH FUNCTION IS 3.60000E-04 / DENSITY 1.61990E+01 SHOULD BE 1.50515E+01 (0): URR dens. (a)

FILE 2

SECTION 151

ENERGY = 9.10000E+03. STRENGTH FUNCTION IS 3.60000E-04 DENSITY 1.61990E+01 SHOULD BE 1.50515E+01

28. Level density in URR not in agreement with PSYCHE's expectations FILE 2 / SECTION 151 / ENERGY = 1.01000E+04. STRENGTH FUNCTION IS 3.60000E-04 / DENSITY 1.61770E+01 SHOULD BE 1.50311E+01 (0): URR dens. (a)

FILE 2

SECTION 151

ENERGY = 1.01000E+04. STRENGTH FUNCTION IS 3.60000E-04 DENSITY 1.61770E+01 SHOULD BE 1.50311E+01 29. Level density in URR not in agreement with PSYCHE's expectations FILE 2 / SECTION 151 / ENERGY = 2.01000E+04. STRENGTH FUNCTION IS 3.60000E-04 / DENSITY 1.59593E+01 SHOULD BE 1.48288E+01 (0): URR dens. (a)

FILE 2

SECTION 151

ENERGY = 2.01000E+04. STRENGTH FUNCTION IS 3.60000E-04 DENSITY 1.59593E+01 SHOULD BE 1.48288E+01

30. Level density in URR not in agreement with PSYCHE's expectations FILE 2 / SECTION 151 / ENERGY = 3.01000E+04. STRENGTH FUNCTION IS 3.60000E-04 / DENSITY 1.57446E+01 SHOULD BE 1.46293E+01 (0): URR dens. (a)

FILE 2

SECTION 151

ENERGY = 3.01000E+04. STRENGTH FUNCTION IS 3.60000E-04 DENSITY 1.57446E+01 SHOULD BE 1.46293E+01

31. Level density in URR not in agreement with PSYCHE's expectations FILE 2 / SECTION 151 / ENERGY = 4.01000E+04. STRENGTH FUNCTION IS 3.60000E-04 / DENSITY 1.55329E+01 SHOULD BE 1.44326E+01 (0): URR dens. (a)

FILE 2

SECTION 151

ENERGY = 4.01000E+04. STRENGTH FUNCTION IS 3.60000E-04 DENSITY 1.55329E+01 SHOULD BE 1.44326E+01

32. Level density in URR not in agreement with PSYCHE's expectations FILE 2 / SECTION 151 / ENERGY = 5.01000E+04. STRENGTH FUNCTION IS 3.60000E-04 / DENSITY 1.53243E+01 SHOULD BE 1.42387E+01 (0): URR dens. (a)

FILE 2

SECTION 151

ENERGY = 5.01000E+04. STRENGTH FUNCTION IS 3.60000E-04 DENSITY 1.53243E+01 SHOULD BE 1.42387E+01

33. Level density in URR not in agreement with PSYCHE's expectations FILE 2 / SECTION 151 / ENERGY = 6.01000E+04. STRENGTH FUNCTION IS 3.60000E-04 / DENSITY 1.51185E+01 SHOULD BE 1.40476E+01 (0): URR dens. (a)

FILE 2

SECTION 151

ENERGY = 6.01000E+04. STRENGTH FUNCTION IS 3.60000E-04 DENSITY 1.51185E+01 SHOULD BE 1.40476E+01

34. Level density in URR not in agreement with PSYCHE's expectations FILE 2 / SECTION 151 / ENERGY = 7.01000E+04. STRENGTH FUNCTION IS 3.60000E-04 / DENSITY 1.49157E+01 SHOULD BE 1.38591E+01 (0): URR dens. (a)

FILE 2

SECTION 151

ENERGY = 7.01000E+04. STRENGTH FUNCTION IS 3.60000E-04 DENSITY 1.49157E+01 SHOULD BE 1.38591E+01 35. Level density in URR not in agreement with PSYCHE's expectations FILE 2 / SECTION 151 / ENERGY = 8.01000E+04. STRENGTH FUNCTION IS 3.60000E-04 / DENSITY 1.47156E+01 SHOULD BE 1.36732E+01 (0): URR dens. (a)

FILE 2

SECTION 151

ENERGY = 8.01000E+04. STRENGTH FUNCTION IS 3.60000E-04 DENSITY 1.47156E+01 SHOULD BE 1.36732E+01

36. Level density in URR not in agreement with PSYCHE's expectations FILE 2 / SECTION 151 / ENERGY = 8.89150E+04. STRENGTH FUNCTION IS 3.60000E-04 / DENSITY 1.45416E+01 SHOULD BE 1.35116E+01 (0): URR dens. (a)

FILE 2

SECTION 151

ENERGY = 8.89150E+04. STRENGTH FUNCTION IS 3.60000E-04 DENSITY 1.45416E+01 SHOULD BE 1.35116E+01

37. Level density in URR not in agreement with PSYCHE's expectations FILE 2 / SECTION 151 / ENERGY = 7.12000E+03. STRENGTH FUNCTION IS 5.10000E-05 / ENERGY = 7.12000E+03. STRENGTH FUNCTION IS 5.10000E-05 / DENSITY 1.62426E+01 SHOULD BE 1.54661E+01 (0): URR dens. (a)

FILE 2

SECTION 151

ENERGY = 7.12000E+03. STRENGTH FUNCTION IS 5.10000E-05 ENERGY = 7.12000E+03. STRENGTH FUNCTION IS 5.10000E-05 DENSITY 1.62426E+01 SHOULD BE 1.54661E+01

38. Level density in URR not in agreement with PSYCHE's expectations FILE 2 / SECTION 151 / ENERGY = 8.10000E+03. STRENGTH FUNCTION IS 5.10000E-05 / DENSITY 1.62210E+01 SHOULD BE 1.54456E+01 (0): URR dens. (a)

FILE 2

SECTION 151

ENERGY = 8.10000E+03. STRENGTH FUNCTION IS 5.10000E-05 DENSITY 1.62210E+01 SHOULD BE 1.54456E+01

39. Level density in URR not in agreement with PSYCHE's expectations FILE 2 / SECTION 151 / ENERGY = 9.10000E+03. STRENGTH FUNCTION IS 5.10000E-05 / DENSITY 1.61990E+01 SHOULD BE 1.54247E+01 (0): URR dens. (a)

FILE 2

SECTION 151

ENERGY = 9.10000E+03. STRENGTH FUNCTION IS 5.10000E-05 DENSITY 1.61990E+01 SHOULD BE 1.54247E+01

40. Level density in URR not in agreement with PSYCHE's expectations FILE 2 / SECTION 151 / ENERGY = 1.01000E+04. STRENGTH FUNCTION IS 5.10000E-05 / DENSITY 1.61770E+01 SHOULD BE 1.54038E+01 (0): URR dens. (a)

FILE 2

SECTION 151

ENERGY = 1.01000E+04. STRENGTH FUNCTION IS 5.10000E-05 DENSITY 1.61770E+01 SHOULD BE 1.54038E+01 41. Level density in URR not in agreement with PSYCHE's expectations FILE 2 / SECTION 151 / ENERGY = 2.01000E+04. STRENGTH FUNCTION IS 5.10000E-05 / DENSITY 1.59593E+01 SHOULD BE 1.51964E+01 (0): URR dens. (a)

FILE 2

SECTION 151

ENERGY = 2.01000E+04. STRENGTH FUNCTION IS 5.10000E-05 DENSITY 1.59593E+01 SHOULD BE 1.51964E+01

42. Level density in URR not in agreement with PSYCHE's expectations FILE 2 / SECTION 151 / ENERGY = 3.01000E+04. STRENGTH FUNCTION IS 5.10000E-05 / DENSITY 1.57446E+01 SHOULD BE 1.49920E+01 (0): URR dens. (a)

FILE 2

SECTION 151

ENERGY = 3.01000E+04. STRENGTH FUNCTION IS 5.10000E-05 DENSITY 1.57446E+01 SHOULD BE 1.49920E+01

43. Level density in URR not in agreement with PSYCHE's expectations FILE 2 / SECTION 151 / ENERGY = 4.01000E+04. STRENGTH FUNCTION IS 5.10000E-05 / DENSITY 1.55329E+01 SHOULD BE 1.47905E+01 (0): URR dens. (a)

FILE 2

SECTION 151

ENERGY = 4.01000E+04. STRENGTH FUNCTION IS 5.10000E-05 DENSITY 1.55329E+01 SHOULD BE 1.47905E+01

44. Level density in URR not in agreement with PSYCHE's expectations FILE 2 / SECTION 151 / ENERGY = 5.01000E+04. STRENGTH FUNCTION IS 5.10000E-05 / DENSITY 1.53243E+01 SHOULD BE 1.45918E+01 (0): URR dens. (a)

FILE 2

SECTION 151

ENERGY = 5.01000E+04. STRENGTH FUNCTION IS 5.10000E-05 DENSITY 1.53243E+01 SHOULD BE 1.45918E+01

45. Level density in URR not in agreement with PSYCHE's expectations FILE 2 / SECTION 151 / ENERGY = 6.01000E+04. STRENGTH FUNCTION IS 5.10000E-05 / DENSITY 1.51185E+01 SHOULD BE 1.43958E+01 (0): URR dens. (a)

FILE 2

SECTION 151

ENERGY = 6.01000E+04. STRENGTH FUNCTION IS 5.10000E-05 DENSITY 1.51185E+01 SHOULD BE 1.43958E+01

46. Level density in URR not in agreement with PSYCHE's expectations FILE 2 / SECTION 151 / ENERGY = 7.01000E+04. STRENGTH FUNCTION IS 5.10000E-05 / DENSITY 1.49157E+01 SHOULD BE 1.42027E+01 (0): URR dens. (a)

FILE 2

SECTION 151

ENERGY = 7.01000E+04. STRENGTH FUNCTION IS 5.10000E-05 DENSITY 1.49157E+01 SHOULD BE 1.42027E+01 47. Level density in URR not in agreement with PSYCHE's expectations FILE 2 / SECTION 151 / ENERGY = 8.01000E+04. STRENGTH FUNCTION IS 5.10000E-05 / DENSITY 1.47156E+01 SHOULD BE 1.40122E+01 (0): URR dens. (a)

FILE 2

SECTION 151

ENERGY = 8.01000E+04. STRENGTH FUNCTION IS 5.10000E-05 DENSITY 1.47156E+01 SHOULD BE 1.40122E+01

48. Level density in URR not in agreement with PSYCHE's expectations  $FILE\ 2\ /\ SECTION\ 151\ /\ ENERGY = 8.89150E+04.$  STRENGTH FUNCTION IS  $5.10000E-05\ /\ DENSITY\ 1.45416E+01\ SHOULD\ BE\ 1.38465E+01\ (0)$ : URR dens. (a)

FILE 2

SECTION 151

ENERGY = 8.89150E+04. STRENGTH FUNCTION IS 5.10000E-05 DENSITY 1.45416E+01 SHOULD BE 1.38465E+01

49. Level density in URR not in agreement with PSYCHE's expectations FILE 2 / SECTION 151 / ENERGY = 7.12000E+03. STRENGTH FUNCTION IS 5.10000E-05 / ENERGY = 7.12000E+03. STRENGTH FUNCTION IS 5.10000E-05 / DENSITY 1.24863E+01 SHOULD BE 1.10472E+01 (0): URR dens. (a)

FILE 2

SECTION 151

ENERGY = 7.12000E+03. STRENGTH FUNCTION IS 5.10000E-05 ENERGY = 7.12000E+03. STRENGTH FUNCTION IS 5.10000E-05 DENSITY 1.24863E+01 SHOULD BE 1.10472E+01

50. Level density in URR not in agreement with PSYCHE's expectations FILE 2 / SECTION 151 / ENERGY = 8.10000E+03. STRENGTH FUNCTION IS 5.10000E-05 / DENSITY 1.24697E+01 SHOULD BE 1.10326E+01 (0): URR dens. (a)

FILE 2

SECTION 151

ENERGY = 8.10000E+03. STRENGTH FUNCTION IS 5.10000E-05 DENSITY 1.24697E+01 SHOULD BE 1.10326E+01

51. Level density in URR not in agreement with PSYCHE's expectations FILE 2 / SECTION 151 / ENERGY = 9.10000E+03. STRENGTH FUNCTION IS 5.10000E-05 / DENSITY 1.24528E+01 SHOULD BE 1.10176E+01 (0): URR dens. (a)

FILE 2

SECTION 151

ENERGY = 9.10000E+03. STRENGTH FUNCTION IS 5.10000E-05 DENSITY 1.24528E+01 SHOULD BE 1.10176E+01

52. Level density in URR not in agreement with PSYCHE's expectations FILE 2 / SECTION 151 / ENERGY = 1.01000E+04. STRENGTH FUNCTION IS 5.10000E-05 / DENSITY 1.24360E+01 SHOULD BE 1.10027E+01 (0): URR dens. (a)

FILE 2

SECTION 151

ENERGY = 1.01000E+04. STRENGTH FUNCTION IS 5.10000E-05 DENSITY 1.24360E+01 SHOULD BE 1.10027E+01 53. Level density in URR not in agreement with PSYCHE's expectations FILE 2 / SECTION 151 / ENERGY = 2.01000E+04. STRENGTH FUNCTION IS 5.10000E-05 / DENSITY 1.22686E+01 SHOULD BE 1.08546E+01 (0): URR dens. (a)

FILE 2

SECTION 151

ENERGY = 2.01000E+04. STRENGTH FUNCTION IS 5.10000E-05 DENSITY 1.22686E+01 SHOULD BE 1.08546E+01

54. Level density in URR not in agreement with PSYCHE's expectations FILE 2 / SECTION 151 / ENERGY = 3.01000E+04. STRENGTH FUNCTION IS 5.10000E-05 / DENSITY 1.21035E+01 SHOULD BE 1.07086E+01 (0): URR dens. (a)

FILE 2

SECTION 151

ENERGY = 3.01000E+04. STRENGTH FUNCTION IS 5.10000E-05 DENSITY 1.21035E+01 SHOULD BE 1.07086E+01

55. Level density in URR not in agreement with PSYCHE's expectations FILE 2 / SECTION 151 / ENERGY = 4.01000E+04. STRENGTH FUNCTION IS 5.10000E-05 / DENSITY 1.19408E+01 SHOULD BE 1.05646E+01 (0): URR dens. (a)

FILE 2

SECTION 151

ENERGY = 4.01000E+04. STRENGTH FUNCTION IS 5.10000E-05 DENSITY 1.19408E+01 SHOULD BE 1.05646E+01

56. Level density in URR not in agreement with PSYCHE's expectations FILE 2 / SECTION 151 / ENERGY = 5.01000E+04. STRENGTH FUNCTION IS 5.10000E-05 / DENSITY 1.17804E+01 SHOULD BE 1.04227E+01 (0): URR dens. (a)

FILE 2

SECTION 151

ENERGY = 5.01000E+04. STRENGTH FUNCTION IS 5.10000E-05 DENSITY 1.17804E+01 SHOULD BE 1.04227E+01

57. Level density in URR not in agreement with PSYCHE's expectations FILE 2 / SECTION 151 / ENERGY = 6.01000E+04. STRENGTH FUNCTION IS 5.10000E-05 / DENSITY 1.16222E+01 SHOULD BE 1.02827E+01 (0): URR dens. (a)

FILE 2

SECTION 151

ENERGY = 6.01000E+04. STRENGTH FUNCTION IS 5.10000E-05 DENSITY 1.16222E+01 SHOULD BE 1.02827E+01

58. Level density in URR not in agreement with PSYCHE's expectations FILE 2 / SECTION 151 / ENERGY = 7.01000E+04. STRENGTH FUNCTION IS 5.10000E-05 / DENSITY 1.14663E+01 SHOULD BE 1.01448E+01 (0): URR dens. (a)

FILE 2

SECTION 151

ENERGY = 7.01000E+04. STRENGTH FUNCTION IS 5.10000E-05 DENSITY 1.14663E+01 SHOULD BE 1.01448E+01 59. Level density in URR not in agreement with PSYCHE's expectations FILE 2 / SECTION 151 / ENERGY = 8.01000E+04. STRENGTH FUNCTION IS 5.10000E-05 / DENSITY 1.13125E+01 SHOULD BE 1.00087E+01 (0): URR dens. (a)

FILE 2 SECTION 151

> ENERGY = 8.01000E+04. STRENGTH FUNCTION IS 5.10000E-05 DENSITY 1.13125E+01 SHOULD BE 1.00087E+01

60. Level density in URR not in agreement with PSYCHE's expectations FILE 2 / SECTION 151 / ENERGY = 8.89150E+04. STRENGTH FUNCTION IS 5.10000E-05 / DENSITY 1.11788E+01 SHOULD BE 9.89039E+00 (0): URR dens. (a)

FILE 2 SECTION 151

> ENERGY = 8.89150E+04. STRENGTH FUNCTION IS 5.10000E-05 DENSITY 1.11788E+01 SHOULD BE 9.89039E+00

61. Non-threshold reaction with Q value differing from PSYCHE's expectations FILE 3 / SECTION 107 / THE CALCULATED Q 3.19059E+06 DISSAGREES WITH THE GIVEN Q 0.00000E+00 (0): Iffy Q

FILE 3

SECTION 107

THE CALCULATED Q 3.19059E+06 DISSAGREES WITH THE GIVEN Q 0.00000E+00

- recent Warnings:
  - 1. Competative widths aren't all zero like they're supposed to be  $\theta$ :  $LRX=\theta$

Calculate Cross Sections from Resonance Parameters (RECENT 2015-1)

Retrieval Criteria------ MAT

File 2 Mimimum Cross Section- 1.0000E-10 (Standard Option)

Reactions with No Background- Output (Resonance Contribution)
... [836 more lines]

- fudge-4.0 Warnings:
  - 1. The ratio of smallest/largest eigenvalue is quite small, possibly leading to numerical instability in downstream codes.

    Section 0 (total): / Form 'eval': / Component 0 (Error # 0): Condition num.

WARNING: Ratio of smallest/largest eigenvalue (0.000000e+00) is too small

2. The ratio of smallest/largest eigenvalue is quite small, possibly leading to numerical instability in downstream codes.

Section 0 (total): / Form 'eval': / Component 1 (Error # 0): Condition num.

WARNING: Ratio of smallest/largest eigenvalue (0.000000e+00) is too small

3. The ratio of smallest/largest eigenvalue is quite small, possibly leading to numerical instability in downstream codes. Section 1 (n + Ag109): / Form 'eval': / Component 0 (Error # 0): Condition num.

WARNING: Ratio of smallest/largest eigenvalue (0.000000e+00) is too small

4. The ratio of smallest/largest eigenvalue is quite small, possibly leading to numerical instability in downstream codes.

Section 1 (n + Ag109): / Form 'eval': / Component 1 (Error # 0): Condition num.

WARNING: Ratio of smallest/largest eigenvalue (0.000000e+00) is too small

5. The ratio of smallest/largest eigenvalue is quite small, possibly leading to numerical instability in downstream codes.

Section 2 ((z,n)): / Form 'eval': (Error # 0): Condition num.

WARNING: Ratio of smallest/largest eigenvalue (0.000000e+00) is too small

6. The ratio of smallest/largest eigenvalue is quite small, possibly leading to numerical instability in downstream codes.

Section 3 (n[multiplicity:'2'] + Ag108 + gamma): / Form 'eval': (Error # 0): Condition num.

WARNING: Ratio of smallest/largest eigenvalue (0.000000e+00) is too small

7. The ratio of smallest/largest eigenvalue is quite small, possibly leading to numerical instability in downstream codes.

Section 4 (Ag110 + gamma): / Form 'eval': / Component 0 (Error # 0): Condition num.

WARNING: Ratio of smallest/largest eigenvalue (0.000000e+00) is too small

8. The ratio of smallest/largest eigenvalue is quite small, possibly leading to numerical instability in downstream codes.

Section 4 (Ag110 + gamma): / Form 'eval': / Component 1 (Error # 0): Condition num

WARNING: Ratio of smallest/largest eigenvalue (0.000000e+00) is too small

## • fudge-4.0 Errors:

1. The spin statistical weights are off, indicating missing channels resonances / resolved / MultiLevel\_BreitWigner (Error # 0): badSpinStatisticalWeights

WARNING: The spin statical weights for L=1 sums to 2.25, but should sum to 3.0. You have too few channels for r

2. Found a negative probability reaction label 0: n + Ag109 / Product: n / Distribution: / angularTwoBody - XYs2d: (Error # 0): Negative prob.

WARNING: Negative probabilities encountered. Incident energy: 1.7e7 eV, worst case: -0.000268813383612 WARNING: Negative probabilities encountered. Incident energy: 1.8e7 eV, worst case: -0.000178895705116

3. Calculated and tabulated Q values disagree. reaction label 20: n[multiplicity:'2'] + Ag108 + gamma~(Error~#~0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: -9395653.644180298 eV vs -9.187e6 eV!

4. Calculated and tabulated Q values disagree. reaction label 21: n[multiplicity:'3'] + Ag107 + gamma (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: -16912176.55950928 eV vs -1.6457e7 eV!

5. Calculated and tabulated Q values disagree. reaction label 22: n + H1 + Pd108 + gamma (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: -6733726.617416382 eV vs -6.487e6 eV!

6. If an outgoing energy distribution ends with more than one energy with probability=0, proper unitbase treatment is unclear. Distribution should end with exactly one P=0 point.

reaction label 22: n + H1 + Pd108 + gamma / Product: n / Distribution: / energyAngular - XYs3d: (Error # 0): extraOutgoingEnergy

WARNING: Extra zero-probability outgoing energies found at incident energy 9.e6 eV WARNING: Extra zero-probability outgoing energies found at incident energy 1.e7 eV WARNING: Extra zero-probability outgoing energies found at incident energy 1.1e7 eV WARNING: Extra zero-probability outgoing energies found at incident energy 1.2e7 eV ... plus 9 more instances of this message

7. Calculated and tabulated Q values disagree. reaction label 23: H1 + Pd109 (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: -156769.0664825439 eV vs -3.34e5 eV!

8. Calculated and tabulated Q values disagree. reaction label 24: H1 + Pd109-e1 (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: -270169.0664825439 eV vs -4.474e5 eV!

9. Calculated and tabulated Q values disagree. reaction label 25: H1 + Pd109-e2 (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: -345759.0664825439 eV vs -522990. eV!

10. Calculated and tabulated Q values disagree. reaction label 26:  $H1 + Pd109_{-}e3$  (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: -401769.0664825439 eV vs -5.79e5 eV!

11. Calculated and tabulated Q values disagree. reaction label 27: H1 + Pd109\_e4 (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: -401849.0664825439 eV vs -579080. eV!

12. Calculated and tabulated Q values disagree. reaction label 28:  $H1 + Pd109_-e5$  (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: -423109.0664825439 eV vs -600340. eV!

13. Calculated and tabulated Q values disagree. reaction label 29:  $H1 + Pd109\_e6$  (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: -433059.0664825439 eV vs -610290. eV!

14. Calculated and tabulated Q values disagree. reaction label 30:  $H1 + Pd109_{-}e7$  (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: -444019.0664825439 eV vs -621250. eV!

15. Calculated and tabulated Q values disagree. reaction label 31:  $H1 + Pd109_{-}e8$  (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: -448199.0664825439 eV vs -625430. eV!

16. Calculated and tabulated Q values disagree. reaction label 32:  $H1 + Pd109_{-}e9$  (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: -482049.0664825439 eV vs -659280. eV!

17. Calculated and tabulated Q values disagree. reaction label 33: H1 + Pd109-e10 (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: -483639.0664825439 eV vs -660870. eV!

18. Calculated and tabulated Q values disagree. reaction label 34: H1 + Pd109\_e11 (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: -496299.0664825439 eV vs -673530. eV!

19. Calculated and tabulated Q values disagree.

reaction label 35: H1 + Pd109\_e12 (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: -526769.0664825439 eV vs -7.04e5 eV!

20. Calculated and tabulated Q values disagree. reaction label 36: H1 + Pd109\_e13 (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: -538769.0664825439 eV vs -7.16e5 eV!

21. Calculated and tabulated Q values disagree. reaction label 37: H1 + Pd109\_e14 (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: -560769.0664825439 eV vs -7.38e5 eV!

22. Calculated and tabulated Q values disagree. reaction label 38: H1 + Pd109\_e15 (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: -582909.0664825439 eV vs -760140. eV!

23. Calculated and tabulated Q values disagree. reaction label 39: H1 + Pd109-e16 (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: -590329.0664825439 eV vs -767560. eV!

24. Calculated and tabulated Q values disagree. reaction label 40:  $H1 + Pd109_e17$  (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: -648359.0664825439 eV vs -825590. eV!

25. Calculated and tabulated Q values disagree. reaction label 41: H1 + Pd109-e18 (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: -697449.0664825439 eV vs -874680. eV!

26. Calculated and tabulated Q values disagree. reaction label 42: H1 + Pd109\_e19 (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: -753869.0664825439 eV vs -9.311e5 eV!

27. Calculated and tabulated Q values disagree. reaction label 43: H1 + Pd109\_e20 (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: -761279.0664825439 eV vs -938510. eV!

28. Calculated and tabulated Q values disagree.

reaction label 44: H1 + Pd109-e21 (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: -780249.0664825439 eV vs -957480. eV!

29. Calculated and tabulated Q values disagree. reaction label 45:  $H1 + Pd109_-e22$  (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: -802669.0664825439 eV vs -9.799e5 eV!

30. Calculated and tabulated Q values disagree. reaction label 46: H1 + Pd109-e23 (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: -830259.0664825439 eV vs -1007490. eV!

31. Calculated and tabulated Q values disagree. reaction label 47: H1 + Pd109-e24 (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: -868769.0664825439 eV vs -1.046e6 eV!

32. Calculated and tabulated Q values disagree. reaction label 48: H1 + Pd109\_e25 (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: -878809.0664825439 eV vs -1056040. eV!

33. Calculated and tabulated Q values disagree. reaction label 49: H1 + Pd109\_e26 (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: -885769.0664825439 eV vs -1.063e6 eV!

34. Calculated and tabulated Q values disagree. reaction label 50: H1 + Pd109-e27 (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: -898769.0664825439 eV vs -1.076e6 eV!

35. Calculated and tabulated Q values disagree. reaction label 51: H1 + Pd109\_e28 (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: -948199.0664825439 eV vs -1125430. eV!

36. Calculated and tabulated Q values disagree. reaction label 52: H1 + Pd109-e29 (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: -967359.0664825439 eV vs -1144590. eV!

37. Calculated and tabulated Q values disagree.
reaction label 53: H1 + Pd109\_e30 (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: -1002869.066482544 eV vs -1.1801e6 eV!

38. Calculated and tabulated Q values disagree. reaction label 54:  $H1 + (Pd109\_c -> Pd109 + gamma)$  (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: -1002869.066482544 eV vs -1.1801e6 eV!

39. Calculated and tabulated Q values disagree. reaction label 55: He4 + Rh106 (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: 3553760.347961426 eV vs 3.29e6 eV!

40. Calculated and tabulated Q values disagree. reaction label 56: He4 + Rh106\_e1 (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: 3416760.347961426 eV vs 3.153e6 eV!

41. Calculated and tabulated Q values disagree. reaction label 57: He4 + (Rh106\_c ->Rh106 + gamma) (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: 3416760.347961426 eV vs 3.153e6 eV!

42. Calculated and tabulated Q values disagree. reaction label 58: Ag110 + gamma~(Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: 6613581.905212402 eV vs 6.809e6 eV!

43. Calculated and tabulated Q values disagree. reaction label 59: n + He4 + Rh105 + gamma (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: -3962762.567367554 eV vs -3.298e6 eV!

44. If an outgoing energy distribution ends with more than one energy with probability=0, proper unitbase treatment is unclear. Distribution should end with exactly one P=0 point.

reaction label 59: n + He4 + Rh105 + gamma / Product: n / Distribution: / energyAn-

reaction label 59: n + He4 + Rh105 + gamma / Product: n / Distribution: / energyAngular - XYs3d: (Error # 0): extraOutgoingEnergy

WARNING: Extra zero-probability outgoing energies found at incident energy 9.e6 eV WARNING: Extra zero-probability outgoing energies found at incident energy 1.e7 eV WARNING: Extra zero-probability outgoing energies found at incident energy 1.1e7 eV WARNING: Extra zero-probability outgoing energies found at incident energy 1.2e7 eV ... plus 9 more instances of this message

45. Calculated and tabulated Q values disagree. reaction label 60: n[multiplicity:'2'] + He4 + Rh104 + gamma (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: -12418850.84712219 eV vs -1.2266e7 eV!

46. If an outgoing energy distribution ends with more than one energy with probability=0, proper unitbase treatment is unclear. Distribution should end with exactly one P=0 point.

reaction label 60: n[multiplicity: '2'] + He4 + Rh104 + gamma / Product: n / Distribution: / energyAngular - XYs3d: (Error <math># 0): extraOutgoingEnergy

```
WARNING: Extra zero-probability outgoing energies found at incident energy 1.8e7 eV WARNING: Extra zero-probability outgoing energies found at incident energy 1.9e7 eV WARNING: Extra zero-probability outgoing energies found at incident energy 2.e7 eV
```

47. Calculated and tabulated Q values disagree. reaction label 61: n[multiplicity:'2'] + H1 + Pd107 + gamma (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: -16129380.26158142 eV vs -1.5708e7 eV!

48. If an outgoing energy distribution ends with more than one energy with probability=0, proper unitbase treatment is unclear. Distribution should end with exactly one P=0 point.

reaction label 61: n[multiplicity:'2'] + H1 + Pd107 + gamma / Product: n / Distribu-

reaction label 61: n[multiplicity:'2'] + H1 + Pd107 + gamma / Product: n / Distribution: / energyAngular - XYs3d: (Error # 0): extraOutgoingEnergy

```
WARNING: Extra zero-probability outgoing energies found at incident energy 1.8e7 eV WARNING: Extra zero-probability outgoing energies found at incident energy 1.9e7 eV WARNING: Extra zero-probability outgoing energies found at incident energy 2.e7 eV
```

49. Cross section domain does not match domain of linked reaction cross section sum  $crossSectionSum\ label\ 1:\ (z,n)\ (Error\ \#\ 0):\ summedCrossSectionDomainMismatch$ 

WARNING: Cross section domain does not match domain of linked reaction cross section sum

50. Cross section domain does not match domain of linked reaction cross section sum crossSectionSum label 2: (z,p) (Error # 0): summedCrossSectionDomainMismatch

WARNING: Cross section domain does not match domain of linked reaction cross section sum

- njoy2012 Warnings:
  - 1. Recoil is not given, so one-particle recoil approximation used. heatr...prompt kerma (0): HEATR/hinit (4)

```
---message from hinit---mf6, mt102 does not give recoil za= 47110 photon momentum recoil used.
```

- njoy2012 Errors:
  - 1. An angular distribution is negative acer...monte carlo neutron and photon data (0): Neg. P(Ejµ) (b)

```
---message from ptleg2---negative probs found $13$ for mt=\ 2 e= 1.700E+07
```

2. An angular distribution is negative acer...monte carlo neutron and photon data (1): Neg. P(Ejµ) (b)

```
---message from ptleg2---negative probs found
11 for mt= 2 e= 1.800E+07
```